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PCT

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## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(91) International Patent Classification 6: <b>B32B 7/12, B29C 43/14, C09J 151/06</b>		A1	(11) International Publication Number: <b>WO 97/22471</b>
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<p>(21) International Application Number: <b>PCT/US96/10269</b></p> <p>(22) International Filing Date: <b>18 December 1996 (18.12.96)</b></p> <p>(30) Priority Data: <b>08/576,716 21 December 1995 (21.12.95) US</b></p> <p>(71) Applicant: <b>THE DOW CHEMICAL COMPANY (US/US); 2030 Dow Center, Midland, MI 48674 (US).</b></p> <p>(72) Inventors: <b>MCLBNNAGHAN, Allan, W.; Vechtstraat 15, NL-4536 GN Terneuzen (NL); VAN DE CALSEIJDE, Lodewijk, B., M.; D.S. Raamshaf 35, NL-4542 AZ Hoek (NL); BATISTINI, Antonio; Schaeffergasse 67, CH-8051 Zuerich (CH).</b></p> <p>(74) Agent: <b>DELINE, Douglas, N.; The Dow Chemical Company, Patent Dept., P.O. Box 1967, Midland, MI 48641-1967 (US).</b></p>		<p>(81) Designated States: <b>AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KB, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</b></p> <p><b>Published</b>  <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>	
<p>(54) Title: <b>PROCESS FOR PREPARING A LAMINATE</b></p> <p>(57) Abstract</p> <p>A process for preparing a laminate comprising a first substrate (I) and a second substrate (II) which comprises an ethylene or propylene polymer and which is bonded to the first substrate by means of a polymeric adhesive, wherein the process comprises the steps of: A) applying to the first substrate (I) a primer comprising an organic solvent and an ethylene or propylene polymer having grafted thereto an unsaturated carboxylic acid or an anhydride, ester, amide, imide or metal salt thereof, and B) injection molding an ethylene or propylene polymer and optional additives onto the primed substrate (I).</p>			

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 96/20269

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 6 B32B7/12 B29C45/14 C09J151/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 6 B32B B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passage	Relevant to claim No.
A	US 4 599 385 A (CLAYTON ANTHONY B ET AL) 8 July 1986 cited in the application see column 1, line 52 - line 61 see column 3, line 3 - line 21 ---	1,9,10
A	US 4 299 754 A (SHIOMI TEIICHI ET AL) 10 November 1981 cited in the application see column 1, line 5 - line 12 see column 2, line 41 - line 53 see column 6, line 30 - line 35 ---	1
A	FR 1 355 618 A (NIGRIN-WERKE CARL GENTNER) 19 June 1964 see the whole document ---	1 -/-

Further documents are listed in the continuation of box C.

Patent family numbers are listed in annex.

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Date of the actualception of the international search

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## INTERNATIONAL SEARCH REPORT

International Application No.  
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## C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 208 778 A (ICI LTD) 28 June 1974 see claims 1,10 ---	1,10
A	EP 0 248 311 A (BAYER AG) 9 December 1987 see claims 1,8,9 see page 8, line 17 - line 22 ---	1
A	AU 23960 70 D (PRESIDENT PLASTICS PTY. LTD.) 6 July 1972 see claims ---	1
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Information on patent family members

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